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PATENT & TRADEMARK OFFICE

* Submitted with a partial English translation

ADM/csm

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Sheet 1 of 1 (7/1/03)

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

ATTY DOCKET NO.
0033-0887PAPPLICATION NO.
NEWAPPLICANT
ISOGAWA, KazuhikoFILING DATE
July 1, 2003

GROUP

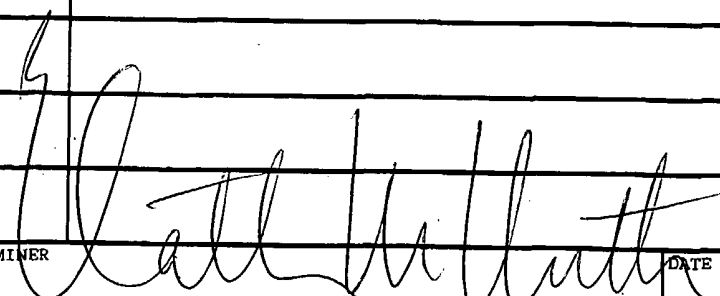
U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 2001/0051550	A1	2001-12-13	Maruoka			
	US						
	US						
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	US						
	US						

FOREIGN PATENT DOCUMENTS

Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
JP	55-122566	A	1980-09-20	JAPAN			ABS	
JP	61-68066	A	1986-04-08	JAPAN			ABS	
JP	9-168611	A	1997-06-30	JAPAN			ABS	
JP	2002-103911	A	2002-04-09	JAPAN			ABS	
JP	11-222536	A	1999-08-17	JAPAN			ABS	
EP	1 099 710	A1	2001-05-16	EUROPE				

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER		DATE CONSIDERED	12-04
<p>EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			

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